F. J. TONE AND E. S. SMITH.

CAN.

APPLICATION FILED SEPT. 25, 1917.

1,305,756. Patented June 3, 1919.

Fig. 1.

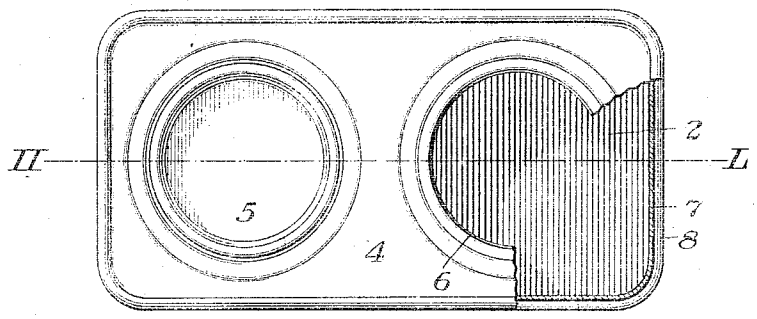


Fig. 2.

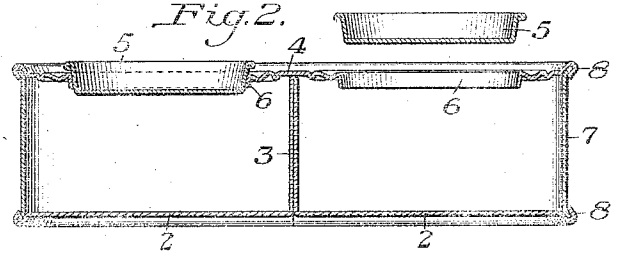


Fig. 3.

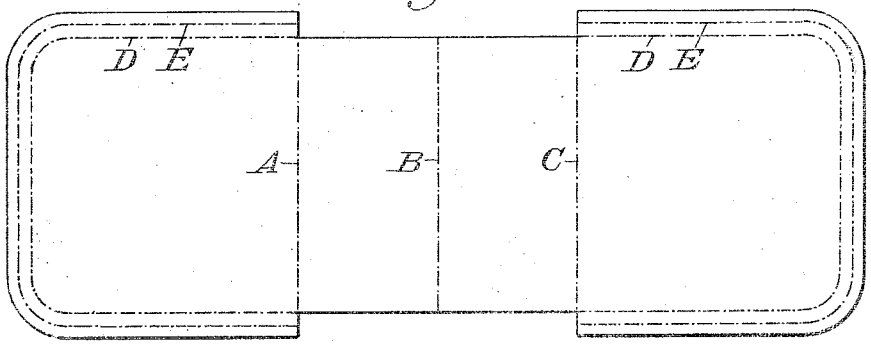
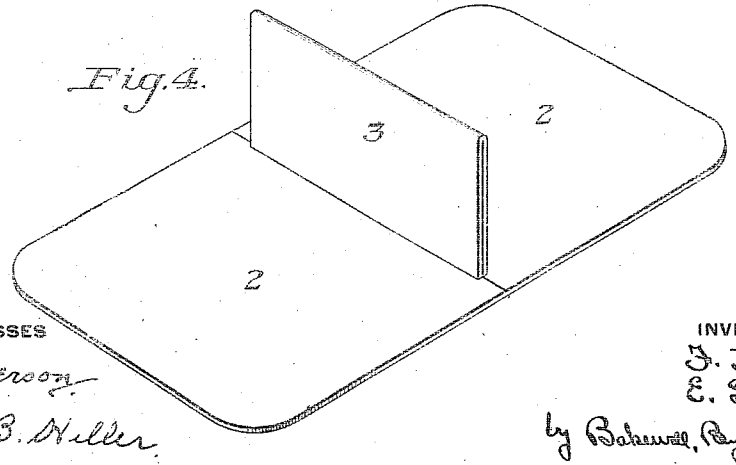


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

FRANK J. TONE AND EDMUND S. SMITH, OF NIAGARA FALLS, NEW YORK, ASSIGNORS TO THE CARBORUNDUM COMPANY, OF NIAGARA FALLS, NEW YORK, A CORPORATION OF PENNSYLVANIA.

CAN.

1,305,756. Specification of Letters Patent. Patented June 3, 1919.

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To all whom it may concern:

Be it known that we, FRANK J. TONE and EDMUND S. SMITH, both citizens of the United States, and residing at Niagara Falls, in the county of Niagara and State of New York, have invented a new and useful Improvement in Cans, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan view partially in section of one form of our improved can, with one of the covers removed.

Fig. 2 is a sectional view on the line II—II of Fig. 1.

Fig. 3 is a plan view of the bottom forming member, and

Fig. 4 is a perspective view of the bottom forming member after it has been folded to form the partition.

This invention relates to an improvement in cans and is designed to provide a cheap and efficient can having two compartments which are separated from each other by a partition, which is formed integrally with one of the can forming members.

The precise nature of our invention will be best understood by reference to the accompanying drawings which will now be described, it being premised, however, that various changes may be made in the details of construction of the can forming members without departing from the spirit and scope of our invention as defined in the appended claims.

In the drawings the reference character 2 designates the bottom member, which is provided with a partition member 3 formed by folding the central portion of the bottom upon itself. 4 designates the top member and 5 the removable covers which are secured by friction in the seats 6 formed in the top member. 7 is the body member which is secured to the top and bottom members by means of clenched seams 8. If desired the partition member 3 may be soldered to the top and the side member, but this is not essential if the can is to be used for articles which are non-fluid, as a fairly tight joint can be made between the edges of the partition and the other members without the use of solder. In constructing the article, we take a blank such as shown in Fig. 3, and fold it on the lines A, B and C to form the partition. The body member 7 is then secured to the top member 4 and the bottom member 2 by means of the usual seams, the crimping along the lines D and E of Fig. 3 may be done either before or after the folding of the bottom member.

It will be readily understood that the various members may be of different shapes than those shown in the drawings, and that they may be connected to each other in any desired manner. It will also be understood that the partition member may be formed integrally with one of the other members of the structure.

The advantages of our invention result from the provision of a can having a partition therein which is formed integrally with one of the forming members which has been bent at an angle to the line of extension of said forming member.

We claim:

1. A can having a plurality of separate compartments, comprising top, bottom and body members, the top and bottom members being secured to the body member by clenched seams, and a partition between said members separating one compartment from the other and formed integrally with the bottom member; substantially as described.

2. A can having a plurality of separate compartments, comprising top, bottom and body members, the top and bottom members being secured to the body member by clenched seams, and a partition separating one compartment from the other extending from the top member to the bottom member and formed integrally with one of said members; substantially as described.

3. A can having a plurality of separate compartments, comprising a top, bottom and body members, the bottom having a central

portion folded upon itself, said folded portion being slightly narrower than the main portion and extending from the bottom to the top of the can, and from one side to the other within the can to form a partition therein, and clenched seams securing the top to the body portion and the bottom portion to the body portion, substantially as described.

In testimony whereof, we have hereunto set our hands.

FRANK J. TONE.
EDMUND S. SMITH.